

**MSU Soil Testing Lab Recommendations
for Phosphorus Applications to Turfgrass**

		Sand based rootzone establishment	Golf greens and tees est. or mature; Kentucky bluegrass or perennial ryegrass athletic fields est. or mature; sand based rootzone mature	Lawns, golf course fairways; establishment or mature
Bray P1, Mehlich 3 Soil Test Value (ppm): pH<7.4	Olsen Soil Test Value (ppm) pH>7.4	Recommendation (lbs. P₂O₅/1000 ft.²)	Recommendation (lbs. P₂O₅/1000 ft.²)	Recommendation (lbs. P₂O₅/1000 ft.²)
0	0	4.4	3.4	2.5
2	1.3	4.1	3.1	2.2
4	2.7	3.9	2.7	1.9
6	4	3.6	2.4	1.6
8	5.3	3.4	2.0	1.3
10	6.7	3.1	1.7	1.0
12	8	2.8	1.4	0.7
14	9.3	2.6	1.0	0.4
16	10.7	2.3	0.7	0.1
18	12	2.1	0.3	0.0
20	13.3	1.8	0.0	
22	14.7	1.5		
24	16	1.3		
26	17.3	1.0		
28	18.7	0.8		
30	20	0.5		
32	21.3	0.2		
34	22.7	0.0		